

# CLAIMS

1. A commercial transaction management system for managing commercial transaction between a plurality of first traders and a plurality of second traders as parties involved, based on network communication with a first terminal device of the first trader placing order of goods, and a second terminal device of the second trader receiving order of goods, comprising:

a first processing unit for determining a first index according to cost needed for commercial transaction with the first trader for each of the second trader, based on a part of or all of a placed order content of the first trader, upon recognizing the placed order content including category, quantity, desired delivery date, and priority rank of the ordered goods by the first trader based on the communication with the first terminal device;

a second processing unit for determining a second index according to time needed for commercial transaction with the first trader for each of the second trader, based on a part of or all of the placed order content of the first trader, upon recognizing the placed order content of the first trader based on the communication with the first terminal device;

a third processing unit for determining a third index according to quality or level, upon recognizing the quality of goods or the level of service of each of the second trader;

a fourth unit for determining a selection index for selecting the second trader, based on the first index, the second index, and the third index determined by the first processing unit, the second processing unit, and the third  
5 processing unit, respectively, and for determining the second trader receiving order of goods from the first trader, based on the selection index;

a fifth unit for determining a received order content including the category, quantity, delivery date, and pri-  
10 ority rank of the ordered goods received by the second trader, based on the placed order content by the first trader recognized by the first or the second processing unit; and

a communication processing unit for transmitting the  
15 received order content determined by the fifth processing unit to the second terminal device of the second trader selected by the fourth processing unit.

2. The commercial transaction management system accord-  
20 ing to claim 1, wherein the fourth processing unit determines the selection index based on the first index, the second index, and the third index, upon recognizing an order placing policy of the first trader indicating the importance to the first trader of the cost needed for the  
25 commercial transaction, the time needed for the commercial transaction, and the quality of the goods or the level of the service, and upon weighing the first index, the second

index, and the third index in accordance with the order placing policy of the first trader.

3. The commercial transaction management system according to claim 1, wherein the fourth processing unit determines the selection index based on an order receiving policy of the second trader indicating the magnitude of the desire by the second trader to have commercial transaction with each of the first trader, upon recognizing the order receiving policy of the second trader based on the communication with the second terminal device.

4. The commercial transaction management system according to claim 1, further comprising a sixth processing unit for recognizing a production plan of goods prepared by the second terminal device, based on the communication with the second terminal device to which the placed order content is transmitted by the communication processing unit, and for recognizing the delivery date to the first trader of the goods produced by the second trader in accordance with the production plan, wherein the communication processing unit transmits the delivery date recognized by the sixth processing unit to the first terminal device.

5. The commercial transaction management system according to claim 1, further comprising a first correction processing unit for correcting the first index based on an

order receiving status or a production progress status of the goods by the second trader, upon recognizing the order receiving status or the production progress status of the second trader based on the communication with the second  
5 terminal device.

6. The commercial transaction management system according to claim 1, further comprising a second correction processing unit for correcting the second index based on  
10 an order receiving status or a production progress status of the goods by the second trader, upon recognizing the order receiving status or the production progress status of the second trader based on the communication with the second terminal device.

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7. The commercial transaction management system according to claim 1, further comprising a third correction processing unit for correcting the third index based on ratings of quality of goods or level of service for each  
20 of the second trader by each of the first trader, upon recognizing the ratings of each of the second trader by each of the first trader based on the communication with the first terminal unit.